

Subject: INFO-HAMS Digest V89 #894
To: INFO-HAMS@WSMR-SIMTEL20.ARMY.MIL

INFO-HAMS Digest Fri, 17 Nov 89 Volume 89 : Issue 894

Today's Topics:

customer feedback to manufacturers - suggestion
 How does one become an 00?
 Need Hallicrafters S-53 info
 New subject: Tesla vs gau
 00's and "Policy"
 Returned mail: User unknown
 Wanted: Modifications for Kenwood TM-731A

Date: 17 Nov 89 16:31:29 GMT
From: unmvax!ogccse!little!eagle.hf.intel.com!collier@ucbvax.Berkeley.EDU
Subject: customer feedback to manufacturers - suggestion

In article <275@ssc.UUCP> tad@ssc.UUCP (Tad Cook) writes:

>
>If you guys don't think Japanese manufacturers listen to U.S. hams,
>talk to Chip Margelli, K7JA at Yaesu.

I agree. When I bought the FT727R with the first version of firmware, I was dissatisfied with a lot of the little firmware program quirks. I fed them back to the small ham dealer who sold me the radio, and she passed them on to Chip. A number of the changes did make it into the second firmware version, and (aside from the size of the radio) I was a happy FT727R owner (who has since upgraded to the FT470).

Date: Fri, 17 Nov 89 15:14:12 EST
From: Michael_Edelman%Wayne-MTS@um.cc.umich.edu
Subject: How does one become an 00?

I'm interested in 00-dom, particularly when I hear some of the %@\$#! on 20 and 80- including a certain Net that once found its way into this list. How does one become an 00? What are the requirements? I'm an advanced (obvious, from the call) licensed for about 10 years. Do I pass?

--mike ke8yy

Date: Fri, 17 Nov 89 13:24:12 EST
From: Michael_Edelman%Wayne-MTS@um.cc.umich.edu

Subject: Need Hallicrafters S-53 info

Anyone have a Hallicrafters S-53 schematic/alignment data? I'll pay postage and costs, of course, on request.

ke8yy

Wayne State University / 5925 Woodward / Detroit, MI 48202

Michael_Edelman@um.cc.umich.edu (reliable)

Michael_Edelman%Wayne-Mts@um.cc.umich.edu (direct)

MEDELMAN@WAYNEST1 / 1-313-577-0742 / fax: 1-313-577-5500

Date: 17 Nov 89 16:54:11 GMT

From: shlump.nac.dec.com!koning.dec.com!koning@decuac.dec.com (Paul Koning)

Subject: New subject: Tesla vs gau

In article <89111609053575@masnet.uucp>, greg.trice@canremote.uucp (GREG TRICE) writes:

> Path:

shlump.nac.dec.com!decuac!haven!aplcn!uunet!mnetor!tmsoft!masnet!canremote!greg.trice

> From: greg.trice@canremote.uucp (GREG TRICE)

> Newsgroups: rec.ham-radio

> Subject: Re: New subject: Tesla vs gau

> Message-ID: <89111609053575@masnet.uucp>

> Date: 15 Nov 89 15:19:00 GMT

> Organization: Canada Remote Systems Limited, Mississauga, ON, Canada

> Lines: 15

>

> But both systems are ARBITRARY. Neither is really better than the other.

> I really cannot see that a system based on the distance from the North

> Pole to the Equator passing through Paris (based on an incorrect survey)

> and various properties of water is any more logical than one based on

> the average length of a man's foot.

> It is about time that all these units were swept away and replaced by a

> logically consistent set based on universal physical constants such as

> the velocity of light in vacuo, Planck's and Boltzmann's constants and

> the universal gravitational constant.

> The much-vaunted "consistency" of SI only comes about by giving some

> quantities fictitious dimensions divorced from physical reality. B and H

> should logically have the same dimensions (which they do in cgs units)

> as should D and E. A thoroughly confusing situation.

> ---

> * Via ProDoor 3.1R

Of course both (or rather, ALL) systems are arbitrary. That includes systems based on physical constants, if we ever get any such systems, because you would have to choose WHICH of the many constants are to be considered the fundamental units and which the derived units!

But I think you missed my earlier point. The merit of the SI system does not lie in how the meter was originally chosen. Some fraction of the circumference of the earth is no better than the length of King Henry's foot, nor is the length of a meter more or less "convenient" than the length of a foot.

Instead, the reason the SI system is superior is that it is a complete and coherent system. It is the only such system, though cgs comes fairly close. If you read Dutch, I have an excellent reference I can point to for a more detailed discussion ... :-)

As for why Planck's constant etc. aren't used to define units, that's very simple: they cannot be measured with the same accuracy as the things that ARE being used to define units. When that changes, the definitions may change too. This has already happened in one case mentioned: the speed of light in vacuo IS now used to define the meter. But it wasn't when the definition came up for review in 1960, since c could not then be measured accurately enough to compete with the Krypton lamp. By 1983 this has changed, so the definition of the meter changed.

paul, ni1d

Date: 17 Nov 89 17:48:43 GMT
From: mips!wyse!stevev@apple.com (Steve Wilson xttemp dept303)
Subject: 00's and "Policy"

In article <7725@ttidca.TTI.COM> sorgatz@ttidcb.tti.com (Erik Sorgatz - Avatar) writes:

>>organization. That should give you a clue is to how few 00's we
>>have in the 5 counties I cover...I need more...any volunteers?
>>

> Right here. Of course, you'll have to junk that antique-notion about 00's
>being only-EXTRAS..or having held a TECH for 4 years...Think you can stand
>that? :-) 00C tells me it's impossible...our SM echos this...what do you
>say?

Erik,

First off, your a little out of my territory. I'm responsible for the Santa Clara Valley Section in Nothern California. The requirements to be an 00 currently are. This is from memory so if I goof...

- 1) Licensed for 4 years.
- 2) Member of ARRL(This is a league sponsored program, thus this requirement)
- 3) Tech or above.

4) Pass a self-training course after initial appointment to become members of the Amateur Auxillary to the FCC Field Operations Bureau.

I don't remember the exact details concerning No. 1, but I'd guess its something like "have held a Tech or higher license for over 4 years." Extras have to meet the same qualification as far as the license period.

I don't set these standards, there set in Newington. I just abide by them. What is really needed is someone with a mature outlook. These preliminary standards are just front end requirements. Its up to the SM/OOC to make an appointment(depending if the SM has delegated this responsibility to the OOC).

What I look for is someone who isn't going to take the attitude that he's a band-cop, or that he is going to single-handedly straighten everything out. Now this is a value judgement on my part as to whether an individual is qualified. Thats part of my job description as OOC.

I'm actually looking for someone that will do the job but doesn't enjoy it. That sounds like clashing goals, but I'm after someone whos motives are to do the job because it needs to be done, not because of some sort of power trip.

If you meet these requirements then go talk to your SM/OOC and apply!

73's de Steve KA6S

Date: Fri, 17 Nov 89 12:29:09 -0800
From: MAILER-DAEMON@decwrl.dec.com (Mail Delivery Subsystem)
Subject: Returned mail: User unknown

----- Transcript of session follows -----
While talking to /usr/bin/mail11v3:
>>> RCPT To:<dpdmai::hicks>
<<< 550-DPDMAI::HICKS; %MAIL-E-NOSUCHUSR, no such user HICKS at node DPD20
<<< 550
550 <hicks@dpdmai.enet.dec.com>... User unknown

----- Unsent message follows -----
Received: by decwrl.dec.com; id AA21688; Fri, 17 Nov 89 12:29:09 -0800
Message-Id: <8911172029.AA21688@decwrl.dec.com>
Date: 17 Nov 89 12:25:00 PDT
From: info-hams@wsmr-simtel20.army.mil
Subject: INFO-HAMS Digest V89 #893
To: "hicks" <hicks@dpdmai.enet>

Return-Path: <@consrt.rok.com,@consrt.rok.com,@wsmr-simtel20.army.mil:info-hams-

request@wsmr-simtel20.army.mil>
Received: from consrt.rok.com by consrt.rok.com with SMTP ;
Fri, 17 Nov 89 11:23:13 PDT
Received: from consrt.rok.com by consrt.rok.com with SMTP ;
Fri, 17 Nov 89 11:18:33 PDT
Received: from lcs.mit.edu by consrt.rok.com with SMTP ;
Fri, 17 Nov 89 11:18:02 PDT
Received: by mintaka.lcs.mit.edu id aa15649; 17 Nov 89 13:10 EST
Received: from WSMR-SIMTEL20.ARMY.MIL by mintaka.lcs.mit.edu id aa15318;
17 Nov 89 13:05 EST
Date: Fri, 17 Nov 89 10:15:19 MST
From: INFO-HAMS-REQUEST@wsmr-simtel20.army.mil
Reply-To: INFO-HAMS@wsmr-simtel20.army.mil
Subject: INFO-HAMS Digest V89 #893
To: INFO-HAMS@wsmr-simtel20.army.mil
Message-ID: <8911171305.aa15318@mintaka.lcs.mit.edu>

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Today's Topics:

AR on TV, now celebrities
customer feedback to manufacturers
fcc question pools
FTP Access to FCC Stacks and Morse Code Program
Help for obtaining licenses in other countries
radar laws?
References for Info on Gel Cells
To QSL, or not to QSL?

Date: 17 Nov 89 15:40:29 GMT
From: enterprise!kirk@sun.com ('Captain' Kirk DeHaan)
Subject: AR on TV, now celebrities

>From article <8911170805.AA23062@ucbvax.Berkeley.EDU>, by faunt@CISCO.COM (Doug
Faunt N6TQS 415-688-8269):

> The newest Newsline claims that Marlon Brando has had many different
> ham calls, and that a biographer is looking for people who may have
> had contacts with him. I looked up Brando on marvin, with no results.
> He probably has a real name that he has on his license.

>From what I heard his callsign is not a US callsign. Does marvin have
international callsigns also?

* 'Captain' Kirk DeHaan | "There's a lot to be said *
* Sun Microsystems Inc. | For a blow to the head" *

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*           |           *
* net - kirk@sun.com | Blue Oyster Cult *
* packet - n6sxr.ampr.org | *
*           |           *
*****

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Date: 17 Nov 89 14:10:52 GMT
 From: shlump.nac.dec.com!tallis.enet.dec.com@decuac.dec.com (Jim Reisert)
 Subject: customer feedback to manufacturers

In article <30500285@ux1.cso.uiuc.edu>, phil@ux1.cso.uiuc.edu writes...

>> If you guys don't think Japanese manufacturers listen to U.S. hams,
 >> talk to Chip Margelli, K7JA at Yaesu.
 >>
 >Might be interesting to talk with him if he has the time. Maybe I could
 >also tell him why I have decided not to buy anything from Yaesu. Maybe he
 >could even reverse those reasons? He'd have some work to do.

According to the December issue of CQ Magazine, Yaesu will be supplying the
 radios for the upcoming Bouvet operation in February. I guess this would be
 the real test to see if they can keep up with the Joneses (Kenwood and
 ICOM).

jim, AD1C (If I won't work them, should I blame *their* rigs for not being
 able to pull me out of the pileup? ;-)

=====

"The opinions expressed here in no way represent the views of Digital
 Equipment Corporation."

James J. Reisert	Internet: reisert@tallis.enet.dec.com
Digital Equipment Corp.	UUCP: ...decwrl!tallis.enet!reisert
295 Foster Street	
P.O. Box 1123	
Littleton, MA 01460	

Date: 16 Nov 89 17:20:39 GMT
 From: ism780c!kirkd@RAND.ORG (Kirk Davis)
 Subject: fcc question pools

Hello all again,
 Did have much luck that last time, so I'll post just once more.

Anyone got the new tec pools in machine readable format??? pls email
or post or call (213/453-8649 x3233).

tnx,
-kbd- (kirkd@ism.isc.com -or- uunet!ism780c!kirkd)

Date: 17 Nov 89 15:51:59 GMT
From: tank!pbhx@handies.ucar.edu (Peter B. Hayward)
Subject: FTP Access to FCC Stacks and Morse Code Program

(Corrected posting)

The archives at the University of Chicago have now been updated
with the most recent versions of Diana Syriac's hypercard
stacks for the ham exams.

Novice V2.0
Technician V2.0
General V1.0
Adanced V1.0

Also in the archive is a morse code program.

Using FTP, login as anonymous with any password. The files are
in /pub/public

--
Peter B. Hayward N9IZT
University of Chicago Computing Organizations
pbhx@tank.uchicago.edumimsy!oddjob!tank!pbhx

Date: Fri, 17 Nov 89 08:47:03 EST
From: pescatore_jt%ncsd%gte.com@RELAY.CS.NET
Subject: Help for obtaining licenses in other countries

There have been a number of messages looking for information on getting
licensed to operate on vacation outside of the U.S. (I guess the cold weather
is starting!). The ARRL has everything you need to know about obtaining
a license, and will send you (free of charge! no SASE or green stamp!)
the info and forms for most countries. Call 203-666-1541 and ask for
information on reciprocal licensing. Yes, you actually have to resort to
copper wire, and actual human intercourse.

Your reception at customs in the incoming country will vary quite a bit.

It helps a lot to have a ham from the host country meet you at the airport.
Jim Talens N3JT wrote a good article for QST on this topic, somewhere around
the Fall of 1988.

73 John WB2EKK @N4QQ or PESCATORE_JT%NCSD@GTE.COM

Date: 17 Nov 89 15:43:29 GMT
From: psuvm!bhb3@psuvax1.cs.psu.edu
Subject: radar laws?

I have the specs on the MPH Industries K-55 radar gun. It is by far the most
commonly used unit by police departments. The output power is less than 100
milliwatts. I beleive that you don't have to be lisenced to use under 100
mW. To the best of my knowledge police are not lisenced. With regard to
the legalities of jamming: FCC regs permit the reieving of any frequency, but
specifically forbid use of the airwaves for illegal purposes. The subject of
jamming has been heavily discussed on rec.autos and jamming would fall under
state laws of "obstructing an officer in the performance of his duties, etc."
Radar detectors are pretty much cut and dried legal(except in D.C., Conn., and
maybe Maryland) since they are just recievers.

Brent H. besler

Date: 17 Nov 89 16:08:07 GMT
From: iris!ford@ucdavis.ucdavis.edu (Gary Ford)
Subject: References for Info on Gel Cells

In article <7120094@hpcupt1.HP.COM> bmp@hpcupt1.HP.COM (Brian M. Perkin) writes:
>I was sure I had an article at home on the care and feeding
>(charging) of gell cells. As I rumaged through stacks of
>magazines, I didn't find what I thought I had read only
>a few weeks ago. Does such an article ring a bell with anyone?
>Can anyone provide me with a good reference?

>
>Thanks in advance
>Brian Perkin - N6RSW

>
Take a look at "A New Chip For Charging Gelled-Electrolyte Batteries,"
by Warren Dion, N1BBH, in QST, pp 26-29, June 1987. I have used the
circuit described to maintain a charge on a 6.5 Ahr gel cell for my
VHF & UHF HTs for about a year and a half -- works fine. Charging
current is from either a wall transformer or a 5W solar panel.

Gary Ford, N6GF

Date: 16 Nov 89 23:46:31 GMT
From: hpda!hpcupt1!hprnd!hprnokg!barry@ucbvax.Berkeley.EDU (Barry Fowler)
Subject: To QSL, or not to QSL?

PJML@IBMA.NERC-WALLINGFORD.AC.UK ("Pete Lucas writes:

>Question: Why do hams insist on QSLing? etc. etc

I enjoy sending and receiving QSL cards. I don't collect stacks of them but I always QSL when requested and I enjoy a QSL from a good friend that I meet over the air. A conversation can be forgotten over a year or so but I always find it enjoyable to "go through the stack" and be pleasantly reminded of an old friend. It's kinda like looking through an old photo album... it's nostalgic. My reason for getting on the air isn't simply to "add to the stack". I enjoy meeting people over the waves. I'm not a "5-9 QSL" conversationalist.

I don't usually QSL to "locals" unless I run into them repeatedly and set up a schedule or the like.

("old fart" talk coming...)

Yes, I have been licensed for 21 years. I have lost contact with many of the high school era friends I met "back then" but I can still browse through the stack and remember the 10 meter nets on an otherwise dead SSB band that we had weekly. I recall when someone on "one of those damned cards" used to suggest to go out, at a spur of the moment and grab a pizza or go to the local school and whack a tennis ball around. I still can look at the QSL card from my first contact (Okinawa on 40 CW). I still can look at the same for my second contact (WA6EYN, who later became a real good friend of mine, he lived about 5 miles away). I can still look at the card from the person that got me interested in ham radio (WN6DNA). Do we have the same satisfaction getting on a repeater on 2 meters? Most likely, the answer is "no".

We really had a lot of fun on the air and were on daily.

I also look at cards from more recent contacts with the similar pleasure.

VHF as we know it didn't seem very interesting then. I have never QSLed or received a QSL from a VHF contact. Maybe that's why QSLing is on the decline. There are a lot of people hanging out on two meters. 'A lot of

End of INFO-HAMS Digest V89 Issue #894
